This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NO. 93-R-0026 CUSTOMER NO. 1182

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY *(Name and Address, as registered with USDA, include Zip Code)*

S R I INTERNATIONAL
333 RAVENSWOOD AVENUE
MENLO PARK, CA 94025
(b)(6), (b)(7)c

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS*(sites)*

See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY *(Attach additional sheets if necessary or use APHIS FORM 7023A)*

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. *(An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)*	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		106	75		181
5. Cats					
6. Guinea Pigs		24	5	82	109
7. Hamsters		53	60		113
8. Rabbits		483	180	2	665
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all the exceptions is attached to this annual report.** In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL (b)(6), (b)(7)c

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL *(Type or Print)*

DATE SIGNED 11/28/06

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete) - HEADQUARTERS

All redactions on this page are pursuant to (b)(4).

Column E Explanation

1. Registration Number: 93-R-0026
2. Number of animals used in these studies: 82
3. Species (common name) of animals used in the study: Guinea Pig
4. Explain the procedure producing pain and/or distress.

[redacted] is a very stressful procedure in humans. In humans the source of stress is the anticipated and feared end of life. In animals this anticipation can be greatly reduced by humane and expert handling and experience in performing the procedure.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The guinea pigs were [redacted] because anesthetics have been found to affect the sensitivity of both [redacted], and would therefore alter the final study results. We did perform an in house determination to evaluate the effect of anesthetics and sedatives in our experiments. In addition, we regularly check the literature for new information; Ref: Molecular Interactions Between Inhaled Anesthetics and Proteins, R. G. Echeknhoff and J. S. Johnansson, Pharmacological Review 49: 343-367, 1997.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: Food and Drug Administration (FDA) [redacted]

An Investigational New Drug (IND) submission requires: A summary of the pharmacological and toxicological effects of the drug in animals.

All redactions on this page are pursuant to (b)(4).

Column E Explanation

1. Registration Number: 93-R-0026
2. Number of animals used in these studies: 2
3. Species (common name) of animals used in the study: Rabbits
4. Explain the procedure producing pain and/or distress.

   Animals vaccinated against a [redacted] were challenged with a [redacted] for the purpose of further vaccinating them. It was expected that the dose was not lethal and that these animals would be protected, but the dose was lethal and they did not survive.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

   Pain/distress was of very [redacted] resulting in [redacted] Analgesics given to these animals would not have treated their discomfort due to the [redacted] caused by the [redacted] effect was too fast to administer any other treatment, and antibody therapy would have adversely affected the results.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

   Agency: Food and Drug Administration (FDA) [redacted]

   An Investigational New Drug (IND) submission requires: A summary of the pharmacological and toxicological effects of the drug in animals.

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